

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

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Mitsuaki OSHIMA et al.FILING DATE  
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GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AS	AA	4,227,152	10-7-80	Godard et al.	I	I	
	AB	4,525,846	6-25-85	Bremer et al.	I	I	
	AC	4,751,478	6-14-88	Yoshida	I	I	
	AD	4,891,806	1-2-90	Farias et al.	I	I	
	AE	4,903,125	2-20-90	Parker	I	I	
	AF	4,937,844	6-26-90	Kao	I	I	
	AG	5,164,963	11-17-92	Lawrence et al.	I	I	
	AH	5,555,275	9-1996	Oshima	I	I	
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AJ	0311188	4-12-89	EP	I	I	X	
	AK	0329158	8-23-89	EP	I	I	X	
	AL	64-5135	1-10-89	JP	I	I	X	
	AM	63-28145	2-5-88	JP	I	I	X	
	AN	62-133842	6-17-87	JP	I	I	X	

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Tricia Hill et al., "A Performance Study of NL4 64-State QAM", IEEE Transactions on Communications, vol. COM-31, June 1983, no. 6, pages 821-826.
	AP	Hideki Ishio et al., "A Proposal of a Carrier Digital Transmission System Using Multi-Level APSK", pages 1-20. 1990
AS	AQ	Shanmugam, "Digital and Analog Communication Systems" 1979, p. 272.

EXAMINER

Amandate

DATE CONSIDERED

5.13.02